



101 622482

GJC

PTO/SB/17 (01-06)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 100.00

Complete if Known

Application Number	Patent#: 7,061,004
Filing Date	Issued: June 13, 2006
First Named Inventor	Kristy A. Campbell
Examiner Name	M. C. Landau
Art Unit	2815
Attorney Docket No.	M4065.0724/P724

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☐ Deposit Account Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☐ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$) Fee Paid (\$)
- = x =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)
- = x =

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims
Fee (\$) Fee Paid (\$)

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)
- 100 = /50 (round up to a whole number) x =

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1811 Certificate of correction

Fees Paid (\$)

100.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	28,371	Telephone	(202) 420-2232
Name (Print/Type)	Thomas J. D'Amico	Date	August 7, 2006		

Certificate
AUG 10 2006
of Correction
AUG 14 2006



Docket No.: M4065.0724/P724
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Kristy A. Campbell

Patent No.: 7,061,004

Issued: June 13, 2006

For: RESISTANCE VARIABLE MEMORY
ELEMENTS AND METHODS OF
FORMATION

REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.322 & 1.323

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

In the U.S. Patent Documents portion of the References Cited section, Applicant made the following error to be corrected. These 15 patents have "Lowery" listed as the inventor, which is a misspelling. They should have --Lowrey-- as the inventor:

6,404,665	6,501,111	6,511,867	6,545,907
6,555,860	6,563,164	6,567,293	6,570,784

08/09/2006 HALI11 00000005 7061004
01 FC:1011 100.00 OP

AUG 14 2006

6,576,921	6,586,761	6,590,807	6,625,054
6,667,900	6,687,153	6,707,712	

In the Other Publications portion of the References Cited section, the PTO made the following error to be corrected:

"Titus, S.S.K.; Chatterjee, R.; Asokan, S., Electrical switching and short-range order in As-T glasses, Phys. Rev. B 48 (1993) 14650-14652."

should read

--Titus, S.S.K.; Chatterjee, R.; Asokan, S., Electrical switching and short-range order in As-Te glasses, Phys. Rev. B 48 (1993) 14650-14652.--.

Also in Other Publications, Applicant made the following errors to be corrected:

"Kotkata, M.F.; Afif, M.A.; Labib, H.H.; Hegab, N.A.; Abdel-Aziz, M.M., Memory switching in amorphous GeSeTe chalcogenide semiconductor films, Thin Solid Films 240 (1994) 143-146."

should read

--Kotkata, M.F.; Afifi, M.A.; Labib, H.H.; Hegab, N.A.; Abdel-Aziz, M.M., Memory switching in amorphous GeSeTe chalcogenide semiconductor films, Thin Solid Films 240 (1994) 143-146.--;

"McHardy et al., The dissolution of metals in amorphous chalcogenides and the effects of electron and ultraviolet radiation, 20 J. Phys. C.: Solid State Phys., pp. 4055-4075 (1987)."

should read

--McHardy et al., The dissolution of metals in amorphous chalcogenides and the effects of electron and ultraviolet radiation, 20 J. Phys. C.: Solid State Phys., pp. 4055-4075 (1987).--; and

"Tranchant, S.; Peytavin, S.; Ribes, M.; Flank, A.M.; Dexpert, H.; Lagarde, J.P., Silver chalcogenide glasses Ag-Ge-Se: Ionic conduction and exafs structural

investigation, Transport-structure relations in fast ion and mixed conductors
Proceedings of the 6th Riso International symposium, Sep. 9-13, 1985."

should read

--Tranchant, S.; Peytavin, S.; Ribes, M.; Flank, A.M.; Dexpert, H.; Lagarde, J.P., Silver chalcogenide glasses Ag-Ge-Se: Ionic conduction and EXAFS structural investigation, Transport-structure relations in fast ion and mixed conductors, Proc. of the 6th RISO Int'l Symp., Sep. 9-13, 1985.--

In the Specification, Applicant made the following errors to be corrected:

Column 10, line 19, "include" should read --includes--;

Column 10, line 47, "via to the" should read --via the--;

Column 10, line 50, "to one additional" should read --to additional--; and

Column 11, line 1, "system" should read --systems--.

The errors were found in the application as filed by Applicant, and made by the PTO. Please charge our Credit Card in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed.

The errors now sought to be corrected are inadvertent typographical errors the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0724/P724.

Dated: August 7, 2006

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

Elizabeth Parsons

Registration No.: 52,499

DICKSTEIN SHAPIRO LLP

1825 Eye Street, NW

Washington, DC 20006-5403

(202) 420-2200

Attorneys for Applicant

AUG 14 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 2

PATENT NO. : 7,061,004
APPLICATION NO. : 10/622,482
ISSUE DATE : June 13, 2006
INVENTOR : Kristy A. Campbell

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the U.S. Patent Documents portion of the References Cited section, the following error is corrected for the inventor in the following 15 patents:

6,404,665	6,501,111	6,511,867	6,545,907
6,555,860	6,563,164	6,567,293	6,570,784
6,576,921	6,586,761	6,590,807	6,625,054
6,667,900	6,687,153	6,707,712	

"Lowery" should read --Lowrey--.

In the Other Publications portion of the References Cited section, the following errors are corrected:

"Kotkata, M.F.; Afif, M.A.; Labib, H.H.; Hegab, N.A.; Abdel-Aziz, M.M., Memory switching in amorphous GeSeTe chalcogenide semiconductor films, Thin Solid Films 240 (1994) 143-146."

should read

--Kotkata, M.F.; Afifi, M.A.; Labib, H.H.; Hegab, N.A.; Abdel-Aziz, M.M., Memory switching in amorphous GeSeTe chalcogenide semiconductor films, Thin Solid Films 240 (1994) 143-146.--;

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Thomas J. D'Amico
DICKSTEIN SHAPIRO LLP
1825 Eye Street, NW
Washington, DC 20006-5403

1

AUG 14 2006

"McHardy et al., The dissolution of metals in amorphous chalcogenides and the effects of electron and ultraviolet radiation, 20 J. Phys. C.: Solid State Phys., pp. 4055-4075 (1987)f."

should read

--McHardy et al., The dissolution of metals in amorphous chalcogenides and the effects of electron and ultraviolet radiation, 20 J. Phys. C.: Solid State Phys., pp. 4055-4075 (1987).--;

"Titus, S.S.K.; Chatterjee, R.; Asokan, S., Electrical switching and short-range order in As-T glasses, Phys. Rev. B 48 (1993) 14650-14652."

should read

--Titus, S.S.K.; Chatterjee, R.; Asokan, S., Electrical switching and short-range order in As-Te glasses, Phys. Rev. B 48 (1993) 14650-14652.--; and

"Tranchant, S.; Peytavin, S.; Ribes, M.; Flank, A.M.; Dexpert, H.; Lagarde, J.P., Silver chalcogenide glasses Ag-Ge-Se: Ionic conduction and exafs structural investigation, Transport-structure relations in fast ion and mixed conductors Proceedings of the 6th Riso International symposium, Sep. 9-13, 1985."

should read

--Tranchant, S.; Peytavin, S.; Ribes, M.; Flank, A.M.; Dexpert, H.; Lagarde, J.P., Silver chalcogenide glasses Ag-Ge-Se: Ionic conduction and EXAFS structural investigation, Transport-structure relations in fast ion and mixed conductors, Proc. of the 6th RISO Int'l Symp., Sep. 9-13, 1985.--.

In the Specification, the following errors are corrected:

Column 10, line 19, "include" should read --includes--;

Column 10, line 47, "via to the" should read --via the--;

Column 10, line 50, "to one additional" should read --to additional--; and

Column 11, line 1, "system" should read --systems--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Thomas J. D'Amico
DICKSTEIN SHAPIRO LLP
1825 Eye Street, NW
Washington, DC 20006-5403

FIG 14 2006